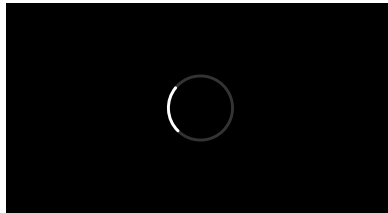


APQP PPAP FMEA Software - AQuA Pro

APQP PPAP FMEA Software - AQuA Pro

AQuA Pro Software



Introduction to AQuA Pro

A web-based database management application, it assists in creating, maintaining, analyzing, and organizing your documents. This tool helps you develop your documents step-by-step for the APQP process. It was first introduced in 1985 and has continually evolved. Today, you can customize it to fit your preferred format. It serves as a valuable tool in optimizing your processes.

The APQP process helps you develop your documents from design to manufacturing. You will work with the Part of Families and V-model, enabling you to reuse process information, identify functions & requirements, and analyze Failure-Cause-Effect relationship in the BOM (Bill of Material).

AQuA Pro software is compliant with the following standards:

- > [AIAG VDA 1st Edition handbook](#)
- > [AIAG FMEA 4th Edition](#)
- > [PPAP 4th Edition](#)
- > [IATF 16949](#)
- > [Aerospace AS9145 & AS13004](#)
- > [ISO 13485](#)
- > [SAE J1739](#)



Omnex Systems has successfully completed the SOC 2 Certification, reinforcing our commitment to maintaining the highest standards of data security and privacy for our clients.

[View All certifications](#)



Request Demo



Webinars



How AI can revolutionize FMEA Development

Speakers:
Chad Kymal, Antony John

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Implementing Linked DFMEAs, and FTAs with EwQIMS

Speakers:
Mary Rowzee, Nikhil Unnikrishnan

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Innovating on the FMEA with Artificial Intelligence

Speakers:
Chad Kymal, Antony John

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SAE/OMNEX Webinar: Software Solutions for Integrated FMEA, Problem Solving, and MSA

Speakers:
Antony John

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Ford made it official - Ford CSR Update Automotive Suppliers should use FMEA Software

Speakers:
Chad Kymal, Antony John, Gregory Gruska, Nikhil Unnikrishnan

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AIAG-VDA PFMEA

With One Of The Writers Of The AIAG-VDA FMEA Handbook

Speakers:
Mary Rowzee

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Develop AIAG & VDA FMEAs with 50% Effort

Speakers:
Mary Rowzee

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From Drudgery to the Effective Use of Design and Process FMEAs

Speakers:
Dave Watkins



Features And Benefits (APQP PPAP FMEA Software - AQuA Pro)

Automate APQP, PPAP, FAI Development

- ✓ Links Block/Boundary diagram, P-Diagram, Interface function matrix, DFMEA, DRBFM, and Test Plans/DVP&R by Product Families.
- ✓ Links Process Flow, PFMEA, Control Plans, and Work Instructions by Product and Process Families.
- ✓ Multi-point Failure FMEA, FMEDA, FTA

Linkages

- ✓ System Design/Subsystem Design/Component FMEAs
- ✓ Design FMEA to Process FMEA
- ✓ FMEA to APQP Project Plans
- ✓ Problem Solving to FMEA
- ✓ MSA, Program Management, and Problem Solving
- ✓ FMEDA, FTA, DFMEA Linked.
- ✓ Linked with Functional Safety (ISO 26262), Cybersecurity (ISO 21434)

Customer Formats

- ✓ 90% reduction in delivering customer documents in prescribed formats, with ease.

Design & Process re-use

- ✓ Establish Product Family Trees and efficiently reuse information to shorten product development lead times.

Business Intelligence

- ✓ A fully integrated solution with a Business Intelligence platform that provides various visual analysis, reporting, and reliability studies.

Document Control

- ✓ Maintain controlled documents of APQP/FAI/PPAP with its current revision status and configurable approvals.

Concept to Delivery

- ✓ Consistent, accurate, and repeatable product development processes linked to manufacturing for APQP, FMEA, and PPAP.



Use Cases

Efficient PPAP Development: Generate and manage PPAP documentation (DFMEA, DVPR/Test Plans, Block Diagrams, P-Diagrams, Process Flows, PFMEA, Control Plan and Work instructions) seamlessly, ensuring compliance with customer requirements.

Effective FMEA Implementation: Facilitate structured and manageable FMEA processes, linking design and process FMEAs, and monitoring risk mitigation.

Enhanced Traceability and Documentation Control: Ensure comprehensive traceability and maintain controlled documents with revision tracking.

Compliance with Industry Standards: Adhere to industry standards such as AIAG VDA 1st edition, AIAG FMEA 4th edition, PPAP, IATF 16949, AS9145, AS13004, ISO 13485, and SAE J1739.

Design and Process Reusability: Accelerate product development by leveraging existing designs and processes through product family trees.

FAQs



What is AQuA Pro software?

AQuA Pro is an integrated, web-based database management application designed for Advanced Product Quality Planning (APQP), [Production Part Approval Process \(PPAP\)](#), and Failure Mode and

Enterprise FMEA Software (Includes Ford CSR)

Creates, maintains, analyzes, and organises APQP, PPAP, and other product realization documentation.

Effects Analysis (FMEA). It helps automate and document the product development process while complying with industry standards.

❖ Does AQuA Pro support end-to-end product development processes?

❖ Can AQuA Pro facilitate delivering customer documents in prescribed formats?

❖ Does AQuA Pro provide business intelligence capabilities?

❖ What is PPAP, and how does AQuA Pro assist with it?

❖ How does AQuA Pro ensure a consistent product development process?

❖ How does AQuA Pro integrate with APQP and Problem Solving?

[Learn More](#)

Multipoint FMEA Software

World's first FMEA Software with multipoint features integrated with Functional Safety, FMEDA, and FTA.

[Learn More](#)

AIAG VDA FMEA Software (Includes Ford CSR)

Analyze failures and mitigate risks in the process and design of FMEA phases.

[Learn More](#)

Who We Work With

100,000+ globally has embraced Digitalization of Quality

Caterpillar

Daimler

NXP

Valeo

Club Car

Cooper-Standard

TSC

TI Automotive

Neapco

Honeywell



Want To Learn More?

Check out our related webinar recordings, Case studies, White papers, & Articles



Webinar

Implementing Linked DFMEAs, and FTAs with EwQIMS

There are many effective product risk analysis tools in various industries today, with Failure Mode Effects Analysis (FMEA) and Fault Tree Analysis (FTA) being the most frequently used.

[Read more](#) →



Webinar

Innovating on the FMEA with Artificial Intelligence

Artificial Intelligence is NOT in the distant Future, it is here NOW. Whether you like it or not, Artificial (AI) has become part of everyday life; from "OK Google," SIRI, and Alexa; to Amazon Orders and Netflix.

[Read more](#) →



Webinar

SAE/OMNEX Webinar: Software Solutions for Integrated FMEA, Problem Solving, and MSA

The FMEA (including DFMEA and PFMEA) is a preventive tool used during new product development. When properly grouped in families of products or processes,

[Read more](#) →



Webinar

Ford made it official - Ford CSR Update Automotive Suppliers should use FMEA Software

The Ford Customer Specific Requirements release, effective Jan 3rd, 2022, has made it official for automotive suppliers to use **FMEA Software**.

[Read more](#) →



Company

About Omnex Systems

Our Values

Software Platform

NPI/APQP

eMobility Software Platform

Products

AQuA Pro

DFMEA, PFMEA, Control Plan development, and PPAP Documents





Products

Requirements Flowdown

Requirements Management

Executive Team
Become a Partner
Client List
Worldwide Offices
Awards and Accreditations

Request for Callback

 +1 734-585-1369
 +86-21-33608488
 +91 95000 74866
 +49 17 89888 121
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Quality Management Systems / QHSE (IMS)
Supplier Quality Management
Performance Management
Manufacturing Digitalization 4.0 (IIoT)

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Document Pro
Document Management Software

APQP/PPAP Manager
NPI/APQP Project Management

Audit Pro
Audit Management Software

Layered Process Audit (LPA)
Layered Process Audits

Problem Solver
Internal & External Customer complaints

MSA Pro
Gage Management and MSA Studies software

Functional Safety
Functional Safety Software

Change Management
Change Request Management

Inspection Control
Inspections Management

BOSS
Continual Improvement & KPI Management

HR Pro
Training & Competency Management

TPM Pro
Total Productive Maintenance Management



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